

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
2066.0230004APPLICATION NO.  
~~10706,506~~ 101726,586FIRST NAMED INVENTOR  
Douglas A. HAMRINFILING DATE  
December 4, 2003ART UNIT  
2834

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>CAF</i>	AA1	2,864,244	12/1958	Prachar			
<i>CAF</i>	AB1	3,124,924	3/1964	Smith			
<i>CAF</i>	AC1	3,250,973	5/1966	Dawson			
<i>CAF</i>	AD1	3,569,809	3/1971	Cornier			
<i>CAF</i>	AE1	3,591,844	7/1971	Schonebeck			
<i>CAF</i>	AF1	3,703,076	11/1972	Hagemeister			
<i>CAF</i>	AG1	3,724,214	4/1973	Bryant			
<i>CAF</i>	AH1	3,764,815	10/1973	Habock et al.			
<i>CAF</i>	AI1	3,809,914	5/1974	Kilgore et al.			
<i>CAF</i>	AJ1	3,829,758	8/1974	Studtmann			
<i>CAF</i>	AK1	3,937,974	2/1976	Lafuze			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>CAF</i>	AL1	0 472 294	2/1992	EP			Yes
<i>CAF</i>	AM1	0 679 800	11/1995	EP			No
<i>CAF</i>	AN1	0 837 231	4/1998	EP			Yes
<i>CAF</i>	AO1	0 901 218	3/1999	EP			No
<i>CAF</i>	AP1	WO 94/27359	11/1994	WO			Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>CAF</i>	AR	1	Japanese Patent Application entitled "Turbogenerator/Motor Control System"; filed May 13, 1999, Japanese Serial No. 133003/1999. A "method and Equipment for Controlling Permanent Magnet Turbine Generator/Motor" <i>CAF</i>
<i>CAF</i>	AS	1	Japanese Patent Application entitled "Command and Control System and Method for Multiple Turbogenerators", filed October 27, 1999, Japanese Serial No. 305375/1999.
<i>CAF</i>	AT	1	Japanese Patent Application entitled "Turbogenerator/Motor Controller", filed August 4, 1998, Japanese Serial No.220231/1998.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CAR	AA2	3,991,357	11/1976	Kaminski			
	AB2	4,005,581	2/1977	Aanstad			
	AC2	4,015,187	3/1977	Sasaki <i>et al.</i>			
	AD2	4,039,914	8/1977	Steigerwald <i>et al.</i>			
	AE2	4,093,869	6/1978	Hoffmann <i>et al.</i>			
	AF2	4,119,861	10/1978	Gocho			
	AG2	4,258,424	3/1981	Giras <i>et al.</i>			
	AH2	4,265,099	5/1981	Johnson <i>et al.</i>			
	AI2	4,292,534	9/1981	Diegel <i>et al.</i>			
	AJ2	4,340,820	7/1982	Meyer-Pittroff <i>et al.</i>			
CAR	AK2	4,401,938	8/1983	Cronin			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
CAR	AL2	WO 98/25014	6/1998	WO			Yes
CAR	AM2	WO 99/32762	7/1999	WO			No
CAR	AN2	WO 99/52193	10/1999	WO			Yes
CAR	AO2	WO 00/28191	5/2000	WO			No
CAR	AP2	6-108879	04/1994	Japan			Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	English Language Abstract for Japanese Patent 6-108879 (April 1994).
	AS	2	
	AT	2	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Car	AA3	4,442,385	4/1984	Van Sickle			
	AB3	4,471,229	9/1984	Plohn <i>et al.</i>			
	AC3	4,481,459	11/1984	Mehl <i>et al.</i>			
	AD3	4,498,551	2/1985	Arbisi			
	AE3	4,551,980	11/1985	Bronicki			
	AF3	4,560,364	12/1985	Cohen			
	AG3	4,565,957	1/1986	Gary <i>et al.</i>			
	AH3	4,684,814	8/1987	Radomski			
	AI3	4,709,318	11/1987	Gephart <i>et al.</i>			
	AJ3	4,719,550	1/1988	Powell <i>et al.</i>			
Car	AK3	4,730,397	3/1988	Weiford <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	3	
	AS	3	
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Car	AA4	4,754,607	7/1988	Mackay			
	AB4	4,757,686	7/1988	Kawamura <i>et al.</i>			
	AC4	4,772,802	9/1988	Glennon <i>et al.</i>			
	AD4	4,786,852	11/1988	Cook			
	AE4	4,802,882	2/1989	Heidrich			
	AF4	4,830,412	5/1989	Raad <i>et al.</i>			
	AG4	4,833,887	5/1989	Kawamura <i>et al.</i>			
	AH4	4,841,216	6/1989	Okada <i>et al.</i>			
	AI4	4,862,009	8/1989	King			
	AJ4	4,883,973	11/1989	Lahey <i>et al.</i>			
Car	AK4	4,908,565	3/1990	Cook <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>4</u>	
	AS	<u>4</u>	
	AT	<u>4</u>	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Car	AA5	4,939,441	7/1990	Dhyanchand			
Car	AB5	4,955,199	9/1990	Kawamura			
Car	AC5	4,967,096	10/1990	Diemer <i>et al.</i>			
Car	AD5	4,968,926	11/1990	Dhyanchand			
Car	AE5	4,982,569	1/1991	Bronicki			
Car	AF5	5,013,929	5/1991	Dhyanchand			
Car	AG5	5,015,941	5/1991	Dhyanchand			
Car	AH5	5,029,062	7/1991	Capel			
Car	AI5	5,038,566	8/1991	Hara			
Car	AJ5	5,055,764	10/1991	Rozman <i>et al.</i>			
Car	AK5	5,057,763	10/1991	Torii <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL5						Yes No
	AM5						Yes No
	AN5						Yes No
	AO5						Yes No
	AP5						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	5	
	AS	5	
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>Car</i>	AA6	5,068,590	11/1991	Glennon <i>et al.</i>			
	AB6	5,088,286	2/1992	Muraji			
	AC6	5,097,195	3/1992	Raad <i>et al.</i>			
	AD6	5,115,183	5/1992	Kyokane <i>et al.</i>			
	AE6	5,158,504	10/1992	Stocco			
	AF6	5,191,520	3/1993	Eckersley			
	AG6	5,214,371	5/1993	Naidu			
	AH6	5,237,260	8/1993	Takakado <i>et al.</i>			
	AI6	5,250,890	10/1993	Tanamachi <i>et al.</i>			
	AJ6	5,252,860	10/1993	McCarty <i>et al.</i>			
<i>Car</i>	AK6	5,260,637	11/1993	Pizzi			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL6						Yes No
	AM6						Yes No
	AN6						Yes No
	AO6						Yes No
	AP6						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>6</u>	
	AS	<u>6</u>	
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APPLICATION NO.

10/708,388- 10/126,586

FIRST NAMED INVENTOR  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CqF	AA7	5,281,905	1/1994	Dhyanchand <i>et al.</i>			
CqF	AB7	5,291,106	3/1994	Murty <i>et al.</i>			
CqR	AC7	5,309,081	5/1994	Shah <i>et al.</i>			
CqF	AD7	5,325,043	6/1994	Parro			
CqF	AE7	5,345,154	9/1994	King			
CqF	AF7	5,363,032	11/1994	Hanson <i>et al.</i>			
CqF	AG7	5,364,309	11/1994	Heidrich <i>et al.</i>			
CqF	AH7	5,373,195	12/1994	De Doncker <i>et al.</i>			
CqF	AI7	5,381,081	1/1995	Radun			
CqF	AJ7	5,387,859	2/1995	Murugan <i>et al.</i>			
CqR	AK7	5,404,092	4/1995	Gegner			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL7						Yes No
	AM7						Yes No
	AN7						Yes No
	AO7						Yes No
	AP7						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CqP	AA8	5,406,797	4/1995	Kawamura			
CqP	AB8	5,428,275	6/1995	Carr et al.			
CqP	AC8	5,430,362	7/1995	Carr et al.			
CqP	AD8	5,477,091	12/1995	Fiorina et al.			
CqP	AE8	5,488,286	1/1996	Rozman et al.			
CqP	AF8	5,495,162	2/1996	Rozman et al.			
CqP	AG8	5,495,163	2/1996	Rozman et al.			
CqP	AH8	5,510,696	4/1996	Naidu et al.			
CqP	AI8	5,512,811	4/1996	Latos et al.			
CqP	AJ8	5,544,484	8/1996	Voss et al.			
CqP	AK8	5,545,090	8/1996	Kirschey			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL8						Yes
	AM8						No
	AN8						Yes
	AO8						No
	AP8						Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	8	
AS	8	
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CAR	AA9	5,546,742	8/1996	Shekhawat <i>et al.</i>			
CAR	AB9	5,550,410	8/1996	Titus			
CAR	AC9	5,550,455	8/1996	Baker			
CAR	AD9	5,559,421	9/1996	Miyakawa			
CAR	AE9	5,563,802	10/1996	Plahn <i>et al.</i>			
CAR	AF9	5,568,023	10/1996	Grayer <i>et al.</i>			
CAR	AG9	5,572,108	11/1996	Windes			
CAR	AH9	5,581,168	12/1996	Rozman <i>et al.</i>			
CAR	AI9	5,587,647	12/1996	Bansal <i>et al.</i>			
CAR	AJ9	5,594,322	1/1997	Rozman <i>et al.</i>			
CAR	AK9	5,637,987	6/1997	Fattic <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL9						Yes No
	AM9						Yes No
	AN9						Yes No
	AO9						Yes No
	AP9						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	9	
	AS	9	
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CAR	AA10	5,646,458	7/1997	Bowyer <i>et al.</i>			
CAR	AB10	5,656,915	8/1997	Eaves			
CAR	AC10	5,743,227	4/1998	Jacquet <i>et al.</i>			
CAR	AD10	5,767,637	6/1998	Lansberry			
CAR	AE10	5,789,881	8/1998	Egami <i>et al.</i>			
CAR	AF10	5,799,484	9/1998	Nims			
CAR	AG10	5,819,524	10/1998	Bosley <i>et al.</i>			
CAR	AH10	5,847,522	12/1998	Barba			
CAR	AI10	5,903,116	5/1999	Geis <i>et al.</i>			
CAR	AJ10	5,905,346	5/1999	Yamada <i>et al.</i>			
CAR	AK10	5,929,537	7/1999	Glennon			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL10						Yes No
	AM10						Yes No
	AN10						Yes No
	AO10						Yes No
	AP10						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	10	
	AS	10	
	AT	10	

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Car	AA11	5,936,312	8/1999	Koide <i>et al.</i>			
Car	AB11	5,939,794	8/1999	Sakai <i>et al.</i>			
Car	AC11	5,946,086	8/1999	Bruce			
Car	AD11	5,982,645	11/1999	Levrin <i>et al.</i>			
Car	AE11	5,998,976	12/1999	Steffan			
Car	AF11	6,005,297	12/1999	Sasaki <i>et al.</i>			
Car	AG11	6,020,713	2/2000	Geis <i>et al.</i>			
Car	AH11	6,023,135	2/2000	Gilbreth <i>et al.</i>			
Car	AI11	6,031,294	2/2000	Geis <i>et al.</i>			
Car	AJ11	6,051,951	4/2000	Arai <i>et al.</i>			
Car	AK11	6,054,776	4/2000	Sumi			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL11						Yes No
	AM11						Yes No
	AN11						Yes No
	AO11						Yes No
	AP11						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	11	
	AS	11	
	AT	11	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CGR	AA12	6,064,122	5/2000	McConnell			
CGR	AB12	6,087,734	7/2000	Maeda <i>et al.</i>			
CGR	AC12	6,107,775	8/2000	Rice <i>et al.</i>			
CGR	AD12	6,147,414	11/2000	McConnell <i>et al.</i>			
CGR	AE12	6,153,942	11/2000	Roseman <i>et al.</i>			
CGR	AF12	6,169,332 B1	1/2001	Taylor <i>et al.</i>			
CGR	AG12	6,169,334 B1	1/2001	Edelman			
CGR	AH12	6,175,210 B1	1/2001	Schwartz <i>et al.</i>			
CGR	AI12	6,194,794 B1	2/2001	Lampe <i>et al.</i>			
CGR	AJ12	6,093,975	7/2000	Peticolas			
CGR	AK12	6,016,658	01/2000	Willis <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL12						Yes No
	AM12						Yes No
	AN12						Yes No
	AO12						Yes No
	AP12						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	12	
	AS	12	
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CGR	AA13	6,158,892	12/2000	Stewart <i>et al.</i>			
	AB13	6,190,048 B1	02/2001	Weissert			
	AC13	6,192,668 B1	02/2001	Mackay			
	AD13	6,107,693	08/2000	Mongio <i>et al.</i>			
	AE13	6,205,768	03/2001	Dibble <i>et al.</i>			
	AF13	2,624,172	01/1953	Houdry			
	AG13	3,928,961	12/1975	Pfefferle			
	AH13	6,269,625	08/2001	Dibble <i>et al.</i>			
	AI13	6,526,757	03/2003	Mackay			
	AJ13	6,606,864	08/2003	Mackay			
CGR	AK13	4,039,804	08/1977	Reed <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL13						Yes No
	AM13						Yes No
	AN13						Yes No
	AO13						Yes No
	AP13						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	13	
	AS	13	
	AT	13	

EXAMINER

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DATE CONSIDERED

12/9/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
2066.0230004

APPLICATION NO.

10766,586-10726,586

FIRST NAMED INVENTOR

Douglas A. HAMRIN

FILING DATE

December 4, 2003

ART UNIT

2834

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Car	AA14	6,487,096	11/2002	Gilbreth <i>et al.</i>			
	AB14	20020099476	07/2002	Hamrin <i>et al.</i>			
	AC14	3,313,103	04/1967	Johnson			
	AD14	3,740,948	01/1973	Kellett			
	AE14	5,490,376	02/1996	Van Der Burgt			
	AF14	6,003,297	12/1999	Ziener			
	AG14	2,285,976	06/1942	Huitson			
	AH14	3,396,083	03/1946	Chase			
	AI14	2,772,636	12/1956	Yates			
	AJ14	3,161,020	12/1964	LaHaye			
Car	AK14	3,313,103	01/1967	Johnson			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL14						Yes No
	AM14						Yes No
	AN14						Yes No
	AO14						Yes No
	AP14						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
2066.0230004APPLICATION NO.  
10/706,586FIRST NAMED INVENTOR  
Douglas A. HAMRINFILING DATE  
December 4, 2003ART UNIT  
2834

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CqF	AA15	3,500,105	02/1971	Clifford			
CqR	AB15	3,623,317	11/1971	Foster-Pegg			
CqF	AC15	4,062,184	12/1977	Hagen			
CqR	AD15	4,724,670	02/1988	Greer			
CqR	AE15	4,781,527	11/1988	Miller			
CqF	AF15	4,785,624	11/1988	Smith <i>et al.</i>			
	AG15						
	AH15						
	AI15						
	AJ15						
	AK15						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL15						Yes
							No
	AM15						Yes
							No
	AN15						Yes
							No
	AO15						Yes
							No
	AP15						Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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	AS	15	
	AT	15	

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